



DNY600

Rating Definition

Standby Power - Model DNY600

These ratings are applicable for supplying continuous electrical power
(at variable load in event of a utility power failure)

No overload is permitted on these ratings.

the engine performance corresponds to ISO 3046, BS 5514 and DIN6271

Note: Standard reference conditions 25°C (77°F) Air inlet Temperature.

All engines performance data based on the adobe metioned maximum continuous ratings.

Fuel consumption data at full load with diesel fuel with specific gravity of 0.85.

Output Ratings

Frequency	Models	Voltage	kVA	kWe
60Hz	DNY600	440-220V	757	606

Technical data

Engine Model:	P222LE
Number of Cylinders:	12 In-"V"
Bore/Stroke:	128(5.04) x 142(5.59) mm(in)
Compression ratio:	15:01
Aspiration:	turbo & intercooled (air to air)
Displacement:	21.927(1,338.0) lts/in
Fuel consumption:	173.5 lts - 100% load
Frequency:	60 Hz
Engine Speed:	1800 rpm
Pressure system:	Max. 0.9 kg/cm ² (12.8 psi)
Water Flow:	410 lts/min.
Heat Rejection to Coolant:	60.2 kcal/sec
Air Flow:	46.7 m ³ /min
Exhaust Gas Flow:	137.0 m ³ /min
Exhaust Gas Temp:	606°C

Max. Permissible Restrictions

Intake System:	220mmH ² O initial - 635mmH ² O final
Exhaust System:	600mmH ² O max
Generating Set Model:	DNY600
Alternator Model	HCI534E
Insulation System:	Class H
Control System:	Separately excited by PMG
AVR	MX341

Dimensions and Weights

Length: cm	Width : cm	Heigth: cm	DNY600	
380	139	190	Dry: 3486 kgs	Wet: 3849 kgs



Inyen, S.A. de C.V.
carlos.vargas@inyen.com.mx

ventas@inyen.com.mx

ventas3@inyen.com.mx